39,000.÷
30.=
1,300.*

1,300.×
10.%
130.*
130.+
1,430.*

ANGLE

PRETREATMENT MONITORING REPORT

NAME: SANDVIK COROMANT MANUFACTURING

MAILING ADDRESS: 1702 NEVINS ROAD FAIRLAWN, NJ 07410

FACILITY LOCATION: 1702 NEVINS ROAD FAIRLAWN, NJ 07410

CATEGORY & SUBPART: UNKNOWN OUTLET #: 1

CONTACT OFFICIAL: ALBERT MIPS TELEPHONE: 201-794-5106

NEW CUSTOMER ID / OUTLET ID: 08630002 - 1 OLD OUTLET DESIGNATION: _____

MONITORING PERIOD

Start			End		
09	01	08	09	30	08
MO	DAY	YR	MO	DAY	YR

	Average	Maximum
Regulated Flow-gal/day	1,300 x 10% =	1,430 GAL MAX FLOW
Total Flow-gal/day	1,300	1430

Method Used: _____

Production Rate (if applicable) _____

PARAMETER		MASS OR CONCENTRATION			# OF SAMPLES	SAMPLE TYPE
		MON AVG	MAXIMUM	UNITS		COMP/GRAB
IOCHEMICAL OX	Sample Measurement		<2.0	MG/L		
	Permit Requirement	0		MG/L		
CADMIUM	Sample Measurement		<0.003	MG/L	1	COMP
	Permit Requirement	0.19		MG/L		
COPPER	Sample Measurement		<0.010	MG/L	1	COMP
	Permit Requirement	3.02		MG/L		
LEAD	Sample Measurement		<0.003	MG/L	1	COMP
	Permit Requirement	0.54		MG/L		
MERCURY	Sample Measurement		0.002	MG/L	1	COMP
	Permit Requirement	0.080		MG/L		
NICKEL	Sample Measurement		<0.010	MG/L	1	COMP
	Permit Requirement	5.9		MG/L		
ZINC	Sample Measurement		<0.020	MG/L	1	COMP
	Permit Requirement	1.67		MG/L		
NON-POLAR MATE	Sample Measurement		<5.1	MG/L	1	GRAB
	Permit Requirement		100	MG/L		
TOTAL TOXIC OR	Sample Measurement		0.269	MG/L	1	GRAB
	Permit Requirement	2.13		MG/L		
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					

PVSC FORM MR-1 REV: 4 6/87 P 1

PRETREATMENT MONITORING REPORT

Certification of Non-Use if applicable (use additional sheets): _____

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used: SANDVIK IS IN COMPLIANCE

Explain Method for preserving samples: SAMPLES ARE PRESERVED IN NITRIC ACID AT pH NO LESS THAN 2.0

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal
Executive or Authorized Agent

ALBERT MIPS
FACILITIES MANAGER
Type Name and Title

10/16/08
Date

SANDVIK COMPANY
1702 Nevins Road
P.O. Box 428
Fair Lawn, NJ 07410-0428

GROUND WATER SEWAGE RECORDS 2008

PERIOD	DATE	METERED READINGS		METER A = PVSC SEWER (GALLONS) METER B= STORM DRAIN (GALLONS)			
		METER-A(05000626)	METER- B(07017639)				
JAN.	1/31	34,686,000	8,415,000	A	554,000	B	2,331,000
		34,132,000	6,084,000				
		A= 554,000	B= 2,331,000	A	554,000	B	2,331,000
FEB.	2/29	36,102,000	9,922,000	A	1,416,000	B	1,507,000
		34,686,000	8,415,000				
		A= 1,416,000	B= 1,507,000	A	1,416,000	B	1,507,000
MAR.	3/31	39,249,000	10,843,000	A	3,147,000	B	921,000
		36,102,000	9,922,000				
		A= 3,147,000	B= 921,000	A	3,147,000	B	921,000
APR.	4/30	40,949,000	12,698,000	A	1,700,000	B	1,855,000
		39,249,000	10,843,000				
		A= 1,700,000	B= 1,855,000	A	1,700,000	B	1,855,000
MAY	5/31	42,980,000	13,938,000	A	2,031,000	B	1,240,000
		40,949,000	12,698,000				
		A= 2,031,000	B= 1,240,000	A	2,031,000	B	1,240,000
JUNE	6/30	44,835,000	15,181,000	A	1,855,000	B	1,243,000
		42,980,000	13,938,000				
		A= 1,855,000	B= 1,243,000	A	1,855,000	B	1,243,000
JULY	7/31	45,691,000	17,009,000	A	856,000	B	1,828,000
		44,835,000	15,181,000				
		A= 856,000	B= 1,828,000	A	856,000	B	1,828,000
AUG.	8/31	46,143,000	19,205,000	A	452,000	B	2,196,000
		45,691,000	17,009,000				
		A= 452,000	B= 2,196,000	A	452,000	B	2,196,000
SEPT.	9/30	46,182,000	21,369,000	A	39,000	B	2,164,000
		46,143,000	19,205,000				
		A= 39,000	B= 2,164,000	A	39,000	B	2,164,000
OCT.	10/31			A	0	B	0
		A=	B=	A	0	B	0
NOV.	11/30			A	0	B	0
		A=	B=	A	0	B	0
DEC.	12/31			A	0	B	0
		A=	B=	A	0	B	0
YTD TOTAL				A	12,050,000	B	15,285,000

Accutest LabLink@19:54 24-Sep-2008

Report of Analysis

Client Sample ID:	BASEMENT SUMP 24 HR COMPOSITE		
Lab Sample ID:	J99424-1	**Date Sampled:**	09/02/08
Matrix:	AQ - Water	**Date Received:**	09/02/08
		Percent Solids:	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Cadmium	< 3.0	3.0	ug/l	1	09/18/08	09/19/08	GT	EPA 200.7 [1]	EPA 200.7 [4]
Copper	< 10	10	ug/l	1	09/18/08	09/19/08	GT	EPA 200.7 [1]	EPA 200.7 [4]
Lead	< 3.0	3.0	ug/l	1	09/18/08	09/19/08	VC	EPA 200.7 [2]	EPA 200.7 [4]
Mercury	1.9	0.20	ug/l	1	09/20/08	09/22/08	JW	EPA 245.1 [3]	EPA 245.1 [5]
Nickel	< 10	10	ug/l	1	09/18/08	09/19/08	GT	EPA 200.7 [1]	EPA 200.7 [4]
Zinc	< 20	20	ug/l	1	09/18/08	09/19/08	GT	EPA 200.7 [1]	EPA 200.7 [4]

(1) Instrument QC Batch: MA21474
(2) Instrument QC Batch: MA21479
(3) Instrument QC Batch: MA21490
(4) Prep QC Batch: MP45255
(5) Prep QC Batch: MP45284

RL = Reporting Limit

ACCUTEST.
NW

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
908-329-0200 FAX: 908-329-3499/3480

Accutest Job #: J99424
Accutest Quote #: NY4/2008-278

Client Information

Name: Sandvick Mnf.
Address: 1702 Nevins Road
City: Fairlawn, State: N.J. Zip: 07410
Send Report to: Mr. Albert Mips
Phone #: (201) 794-5106

Facility Information

Station: Sandvick
Locatin: Monthly PVSC Permit
Project #: Fairlawn, N.J.
FAX #:

Field ID / Point of Collection	Collection: Date	Time	Sampled By	Matrix	# of bottles	Preservation: HCL	NA2S3	Hno3	H2So4	None	BOD TSS	Cd, Cu, Pb, Hg, Ni, Zn,			V624 TVO	PHC 1664	pHf
-1 Basement Sump	9-2-08	11:30	GB	WW	3			x		x	X	X					
24 hr Composite																	
time: 11:30 to 11:30																	
date: 9-2-08 - 9-2-08																	
-2 Basement Sump	9-2-08	11:35	GB	WW	5	x									X	X	X
Grab																	

Turnaround Information

- [X] 21 Day Standard
- [ ] 14 Days *RUSH*
- [ ] 7 Days *EMERGENCY*
- [ ] Other

Approved By:

21 Day Turnaround Hardcopy, Emergency or RUSH is FAX Data unless previously approved.

Data Deliverable Information

- [X] NJ Reduced
- [ ] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [X] Commercial "A"
- [ ] Commercial "B"
- [ ] State Forms

Comments / Remarks

Samples were collected in accordance with established Accutest Field Sampling SOPs for water and/or solids sampling

468, WC25, ME36, HCl

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	9-2-08 17:00	1	2		2
3		3	4		4
5		5	Seal # 508 Intact	Preserve where applicable	On Ice: X Temperature: 5.0

4.1 4

J99424: Chain of Custody
Page 1 of 1

e-Hardcopy 2.0
Automated Report

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/24/08

Technical Report for

Sandvik Inc.

Monthly PVSC Permit, Fairlawn, NJ

Accutest Job Number: J99424

Sampling Date: 09/02/08

Report to:

Sandvik Coromant Manufacturing

albert.mips@sandvik.com

ATTN: Albert Mips

Total number of pages in report: 13

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Vincent J. Pugliese
President

Client Service contact: Nadine Yakes 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Test results relate only to samples analyzed.

Sections: 1 2 3 4

Table of Contents

-1-

Accutest LabLink@19:54 24-Sep-2008

Sample Summary

Sandvik Inc.

Job No: J99424

Monthly PVSC Permit, Fairlawn, NJ

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
J99424-1	09/02/08	11:30	GB	09/02/08	AQ	Water	BASEMENT SUMP 24 HR COMPOSITE
J99424-2	09/02/08	11:35	GB	09/02/08	AQ	Water	BASEMENT SUMP GRAB

ACCUTEST Laboratories

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Sandvik Inc.	**Job No**	J99424
Site:	Monthly PVSC Permit, Fairlawn, NJ	**Report Date**	9/24/2008 9:41:08 AM

On 09/02/2008, 2 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of J99424 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 624

Matrix	AQ	Batch ID:	VT4772

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99883-5DUP, J99883-6MS were used as the QC samples indicated.
- Matrix Spike Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Probable cause due to matrix interference.
- J99883-6MS for 2-Chloroethyl vinyl ether: Compound also found in the blank.

Matrix	AQ	Batch ID:	VT4774

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99884-10DUP, J99884-12MS were used as the QC samples indicated.

Metals By Method EPA 200.7

Matrix	AQ	Batch ID:	MP45255

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99425-1MS, J99425-1MSD, J99425-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Copper, Nickel, Zinc are outside control limits for sample MP45255-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method EPA 245.1

Matrix	AQ	Batch ID:	MP45284

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA1025-1MS, JA1025-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 1664A

Matrix AQ	Batch ID: GP45920

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99512-1MS, JA80-1DUP were used as the QC samples for HEM Petroleum Hydrocarbons.

Wet Chemistry By Method SM20 2540D

Matrix AQ	Batch ID: GN18527

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99417-1DUP were used as the QC samples for Solids, Total Suspended.

Wet Chemistry By Method SM20 5210B

Matrix AQ	Batch ID: GP45705

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99417-1DUP were used as the QC samples for BOD, 5 Day.

Field Data By Method SM20 4500H B

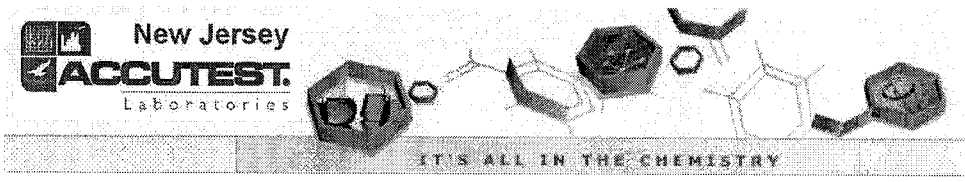
Matrix AQ	Batch ID: R74810

- The data for SM20 4500H B meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover



Sample Results

Report of Analysis

Accutest LabLink@19:54 24-Sep-2008

Report of Analysis

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	J99424-2	**Date Sampled:**	09/02/08
Matrix:	AQ - Water	**Date Received:**	09/02/08
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	T124325.D	1	09/10/08	HJK	n/a	n/a	VT4772
Run #2	T124367.D	10	09/11/08	HJK	n/a	n/a	VT4774

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	2.0	ug/l	
107-13-1	Acrylonitrile	ND	10	0.85	ug/l	
542-88-1	Bis(chloromethyl)ether	IND			ug/l	
71-43-2	Benzene	ND	1.0	0.12	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.13	ug/l	
75-25-2	Bromoform	ND	1.0	0.19	ug/l	
74-83-9	Bromomethane	ND	1.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	3.9	1.0	0.099	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	1.6	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.96	ug/l	
67-66-3	Chloroform	6.3	1.0	0.094	ug/l	
74-87-3	Chloromethane	ND	1.0	0.17	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.11	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.17	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.14	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.91	ug/l	
75-34-3	1,1-Dichloroethane	5.9	1.0	0.10	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethene	3.2	1.0	0.17	ug/l	
156-59-2	cis-1,2-Dichloroethene	9.0	1.0	0.15	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	55	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
151-56-4	Ethylenimine	IND			ug/l	
75-09-2	Methylene chloride	ND	1.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.10	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@19:54 24-Sep-2008

Report of Analysis

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	J99424-2	**Date Sampled:**	09/02/08
Matrix:	AQ - Water	**Date Received:**	09/02/08
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
127-18-4	Tetrachloroethene	225 [a]	10	5.8	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	3.6	1.0	0.11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.15	ug/l	
79-01-6	Trichloroethene	10.5	1.0	0.45	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.44	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.16	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.15	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	117%	128%	62-139%
2037-26-5	Toluene-D8 (SUR)	96%	96%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	80%	80%	74-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@19:54 24-Sep-2008

Report of Analysis

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	J99424-2	**Date Sampled:**	09/02/08
Matrix:	AQ - Water	**Date Received:**	09/02/08
		Percent Solids:	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

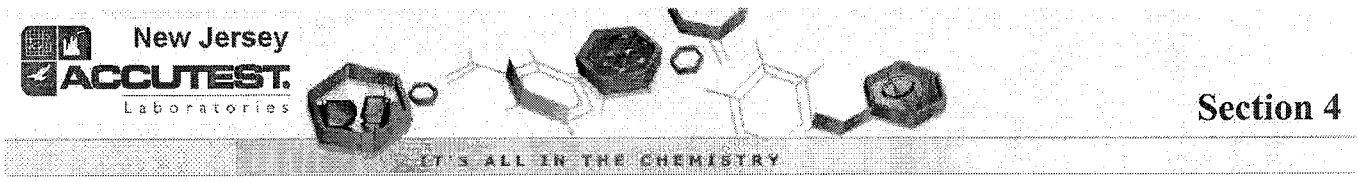
General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	< 5.1	5.1	mg/l	1	09/19/08	MG	EPA 1664A

Field Parameters

pH (Field)	6.23		su	1	09/02/08 11:35	GB	SM20 4500H B

RL = Reporting Limit



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SANDVIK

October 16, 2008

Mr. Andy Caltagirone
Passaic Valley Sewage Commissioners
600 Wilson Ave.
Newark, NJ 07105

Re: Monitoring report September 2008.
Permit Number: 08630002

Dear Mr. Andy Caltagirone,

Please find enclosed our sewage discharge monthly monitoring reports for the period of 9/1/08 to 9/30/08.

For any additional information regarding this or any other matter, I can be reached at 201-794-5106 or by E-mail at *Albert.Mips@Sandvik.com*

Sincerely,
Albert W. Mips

Facilities Engineering Manager

Rwble
10/16/2008 14:10 MANUFACTURING → 919733444876 NO.206 P04

RECEIVED
OCT 16 2008
INDUSTRIAL PRETREATMENT

PRETREATMENT MONITORING REPORT

NAME: SANDVIK COROMANT MANUFACTURING

MAILING ADDRESS: 1702 NEVINS ROAD FAIRLAWN, NJ 07410

FACILITY LOCATION: 1702 NEVINS ROAD FAIRLAWN, NJ 07410

CATEGORY & SUBPART: UNKNOWN OUTLET #: 1

CONTACT OFFICIAL: ALBERT MIPS TELEPHONE: 201-794-5106

NEW CUSTOMER ID / OUTLET ID: 08630002 - 1 OLD OUTLET DESIGNATION:

MONITORING PERIOD

Start			End		
09	01	08	09	30	08
MO	DAY	YR	MO	DAY	YR

	Average	Maximum
Regulated Flow-gal/day	1,300 x 10% = 1,430 GAL MAX FLOW	
Total Flow-gal/day		

Method Used:

Production Rate (if applicable)

PARAMETER		MASS OR CONCENTRATION MON AVG	MAXIMUM	UNITS	# OF SAMPLES	SAMPLE TYPE COMP/GRAB
IOCHEMICAL OX	Sample Measurement		<2.0	MG/L		
	Permit Requirement	0		MG/L		
CADMIUM	Sample Measurement		<0.003	MG/L	1	COMP
	Permit Requirement	0.19		MG/L		
COPPER	Sample Measurement		<0.010	MG/L	1	COMP
	Permit Requirement	3.02		MG/L		
LEAD	Sample Measurement		<0.003	MG/L	1	COMP
	Permit Requirement	0.54		MG/L		
MERCURY	Sample Measurement		0.002	MG/L	1	COMP
	Permit Requirement	0.080		MG/L		
NICKEL	Sample Measurement		<0.010	MG/L	1	COMP
	Permit Requirement	5.9		MG/L		
ZINC	Sample Measurement		<0.020	MG/L	1	COMP
	Permit Requirement	1.67		MG/L		
NON-POLAR MATE	Sample Measurement		<5.1	MG/L	1	GRAB
	Permit Requirement		100	MG/L		
TOTAL TOXIC OR	Sample Measurement		0.269	MG/L	1	GRAB
	Permit Requirement	2.13		MG/L		
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					

PVSC FORM MR-1 REV: 4 6/87 P 1

PRETREATMENT MONITORING REPORT

Certification of Non-Use if applicable (use additional sheets): _____

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used: SANDVIK IS IN COMPLIANCE

Explain Method for preserving samples: SAMPLES ARE PRESERVED IN NITRIC ACID AT pH NO LESS THAN 2.0

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal
Executive or Authorized Agent

ALBERT MIPS
FACILITIES MANAGER
Type Name and Title

10/16/08
Date

PVSC FORM MR-1 REV: 5/3/01 P.2

e-Hardcopy 2.0
Automated Report

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/24/08

Technical Report for

Sandvik Inc.

Monthly PVSC Permit, Fairlawn, NJ

Accutest Job Number: J99424

Sampling Date: 09/02/08

Report to:

Sandvik Coromant Manufacturing

albert.mips@sandvik.com

ATTN: Albert Mips

Total number of pages in report: 13

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Vincent J. Pugliese
President

Client Service contact: Nadine Yakes 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Test results relate only to samples analyzed.

Table of Contents

Sections: 1 2 3 4

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Accutest LabLink@19:54 24-Sep-2008

Sample Summary

Sandvik Inc.

Monthly PVSC Permit, Fairlawn, NJ

Job No: J99424

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
J99424-1	09/02/08	11:30	GB	09/02/08	AQ	Water	BASEMENT SUMP 24 HR COMPOSITE
J99424-2	09/02/08	11:35	GB	09/02/08	AQ	Water	BASEMENT SUMP GRAB

ACCUTEST. Laboratories

2

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Sandvik Inc. **Job No** J99424

Site: Monthly PVSC Permit, Fairlawn, NJ **Report Date** 9/24/2008 9:41:08 AM

On 09/02/2008, 2 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of J99424 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 624

Matrix AQ	Batch ID: VT4772

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99883-5DUP, J99883-6MS were used as the QC samples indicated.
- Matrix Spike Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Probable cause due to matrix interference.
- J99883-6MS for 2-Chloroethyl vinyl ether: Compound also found in the blank.

Matrix AQ	Batch ID: VT4774

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99884-10DUP, J99884-12MS were used as the QC samples indicated.

Metals By Method EPA 200.7

Matrix AQ	Batch ID: MP45255

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99425-1MS, J99425-1MSD, J99425-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Copper, Nickel, Zinc are outside control limits for sample MP45255-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method EPA 245.1

Matrix AQ	Batch ID: MP45284

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA1025-1MS, JA1025-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 1664A

Matrix AQ	Batch ID: GP45920

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99512-1MS, JA80-1DUP were used as the QC samples for HEM Petroleum Hydrocarbons.

Wet Chemistry By Method SM20 2540D

Matrix AQ	Batch ID: GN18527

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99417-1DUP were used as the QC samples for Solids, Total Suspended.

Wet Chemistry By Method SM20 5210B

Matrix AQ	Batch ID: GP45705

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J99417-1DUP were used as the QC samples for BOD, 5 Day.

Field Data By Method SM20 4500H B

Matrix AQ	Batch ID: R74810

- The data for SM20 4500H B meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

Section 3

3

Sample Results

Report of Analysis

Accutest LabLink@19:54 24-Sep-2008

Report of Analysis

3.1 C

Client Sample ID:	BASEMENT SUMP 24 HR COMPOSITE		
Lab Sample ID:	J99424-1	**Date Sampled:**	09/02/08
Matrix:	AQ - Water	**Date Received:**	09/02/08
		Percent Solids:	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Cadmium	<3.0	3.0	ug/l	1	09/18/08	09/19/08	GT	EPA 200.7 [1]	EPA 200.7 [4]
Copper	<10	10	ug/l	1	09/18/08	09/19/08	GT	EPA 200.7 [1]	EPA 200.7 [4]
Lead	<3.0	3.0	ug/l	1	09/18/08	09/19/08	VC	EPA 200.7 [2]	EPA 200.7 [4]
Mercury	1.9	0.20	ug/l	1	09/20/08	09/22/08	JW	EPA 245.1 [3]	EPA 245.1 [5]
Nickel	<10	10	ug/l	1	09/18/08	09/19/08	GT	EPA 200.7 [1]	EPA 200.7 [4]
Zinc	<20	20	ug/l	1	09/18/08	09/19/08	GT	EPA 200.7 [1]	EPA 200.7 [4]

(1) Instrument QC Batch: MA21474
(2) Instrument QC Batch: MA21479
(3) Instrument QC Batch: MA21490
(4) Prep QC Batch: MP45255
(5) Prep QC Batch: MP45281

RL = Reporting Limit

Accutest LabLink@19:54 24-Sep-2008

Report of Analysis

3.2 S

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	J99424-2	**Date Sampled:**	09/02/08
Matrix:	AQ - Water	**Date Received:**	09/02/08
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	T124325.D	1	09/10/08	HJK	n/a	n/a	VT4772
Run #2	T124367.D	10	09/11/08	HJK	n/a	n/a	VT4774

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	2.0	ug/l	
107-13-1	Acrylonitrile	ND	10	0.85	ug/l	
542-88-1	Bis(chloromethyl)ether	IND			ug/l	
71-43-2	Benzene	ND	1.0	0.12	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.13	ug/l	
75-25-2	Bromoform	ND	1.0	0.19	ug/l	
74-83-9	Bromomethane	ND	1.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	3.9	1.0	0.099	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	1.6	1.0	0.20	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.96	ug/l	
67-66-3	Chloroform	6.3	1.0	0.094	ug/l	
74-87-3	Chloromethane	ND	1.0	0.17	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.11	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.17	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.14	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.91	ug/l	
75-34-3	1,1-Dichloroethane	5.9	1.0	0.10	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethene	3.2	1.0	0.17	ug/l	
156-59-2	cis-1,2-Dichloroethene	9.0	1.0	0.15	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	55	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
151-56-4	Ethylenimine	IND			ug/l	
75-09-2	Methylene chloride	ND	1.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.10	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@19:54 24-Sep-2008

Report of Analysis

3.2 3

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	J99424-2	**Date Sampled:**	09/02/08
Matrix:	AQ - Water	**Date Received:**	09/02/08
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
127-18-4	Tetrachloroethene	225 [a]	10	5.8	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	3.6	1.0	0.11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.15	ug/l	
79-01-6	Trichloroethene	10.5	1.0	0.45	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.44	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.16	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.15	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	117%	128%	62-139%
2037-26-5	Toluene-D8 (SUR)	96%	96%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	80%	80%	74-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@19:54 24-Sep-2008

Report of Analysis

3.2

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	J99424-2	**Date Sampled:**	09/02/08
Matrix:	AQ - Water	**Date Received:**	09/02/08
		Percent Solids:	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	<5.1	5.1	mg/l	1	09/19/08	MC	EPA 1664A

Field Parameters

pH (Field)	6.23		su	1	09/02/08 11:35	GB	SM20 4500H B

RL = Reporting Limit

New Jersey ACCUTEST Laboratories

Section 4

4

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SANDVIK Coromant

Sandvik Coromant Manufacturing
1702 Nevins Road
Fair Lawn, NJ 07410
(201) 794-5106
(201) 794-5049 (fax)

Transmittal Cover Sheet

To: PVSC

Date: October 16, 2008

Attention: Mr. Andy Caltagirone

From: Albert Mips

Subject: Monitoring Report for September
Fax Number: (973) 344-4876

Pages: 19

Comments:

This is the monitoring report for the period 9/01/2009 to 9/30/2008. This is just a precautionary measure. The hard copies have been sent. Any questions please call me at (201) 794-5106.

Regards,
Albert Mips

SANDVIK

October 16, 2008

Mr. Andy Caltagirone
Passaic Valley Sewage Commissioners
600 Wilson Ave.
Newark, NJ 07105

Re: Monitoring report September 2008.
Permit Number: 08630002

Dear Mr. Andy Caltagirone,

Please find enclosed our sewage discharge monthly monitoring reports for the period of 9/1/08 to 9/30/08.

For any additional information regarding this or any other matter, I can be reached at 201-794-5106 or by E-mail at *Albert.Mips@Sandvik.com*

Sincerely,
Albert W. Mips

Facilities Engineering Manager

SANDVIK COMPANY
1702 Nevins Road
P.O. Box 428
Fair Lawn, NJ 07410-0428

GROUND WATER SEWAGE RECORDS 2008

PERIOD	DATE	METERED READINGS METER-A(05000626)	METERED READINGS METER- B(07017638)	METER A = PVSC SEWER (GALLONS) METER B= STORM DRAIN (GALLONS)			
JAN.	1/31	34,686,000	8,415,000	A	554,000	B	2,331,000
		34,132,000	6,084,000				
		A= 554,000	B= 2,331,000	A	554,000	B	2,331,000
FEB.	2/29	36,102,000	9,922,000	A	1,416,000	B	1,507,000
		34,686,000	8,415,000				
		A= 1,416,000	B= 1,507,000	A	1,416,000	B	1,507,000
MAR.	3/31	39,249,000	10,843,000	A	3,147,000	B	921,000
		36,102,000	9,922,000				
		A= 3,147,000	B= 921,000	A	3,147,000	B	921,000
APR.	4/30	40,949,000	12,698,000	A	1,700,000	B	1,855,000
		39,249,000	10,843,000				
		A= 1,700,000	B= 1,855,000	A	1,700,000	B	1,855,000
MAY	5/31	42,980,000	13,938,000	A	2,031,000	B	1,240,000
		40,949,000	12,698,000				
		A= 2,031,000	B= 1,240,000	A	2,031,000	B	1,240,000
JUNE	6/30	44,835,000	15,181,000	A	1,855,000	B	1,243,000
		42,980,000	13,938,000				
		A= 1,855,000	B= 1,243,000	A	1,855,000	B	1,243,000
JULY	7/31	45,691,000	17,009,000	A	856,000	B	1,828,000
		44,835,000	15,181,000				
		A= 856,000	B= 1,828,000	A	856,000	B	1,828,000
AUG.	8/31	46,143,000	19,205,000	A	452,000	B	2,196,000
		45,691,000	17,009,000				
		A= 452,000	B= 2,196,000	A	452,000	B	2,196,000
SEPT.	9/30	46,182,000	21,369,000	A	39,000	B	2,164,000
		46,143,000	19,205,000				
		A= 39,000	B= 2,164,000	A	39,000	B	2,164,000
OCT.	10/31			A	0	B	0
		A=	B=	A	0	B	0
NOV.	11/30			A	0	B	0
		A=	B=	A	0	B	0
DEC.	12/31			A	0	B	0
		A=	B=	A	0	B	0
YTD TOTAL				A	12,050,000	B	15,285,000

10/16/2008 14:10 MANUFACTURING → 919733444876 NO.206 D19

ACCUTEST.

NW

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
908-329-0200 FAX: 908-329-3499/3480

Accutest Job #: J99424
Accutest Quote #: NY4/2008-278

Client Information

Sandvick Mnf.
Name: 1702 Nevins Road
Address: Fairlawn, N.J. 07410
City State Zip
Mr. Albert Mips
Send Report to:
Phone #: (201) 794-5105

Facility Information

Station: Sandvick
Location: Monthly PVSC Permit
Project #: Fairlawn, N.J.
FAX #:

Analytical Information

Field ID / Point of Collection	Date	Time	Sampled By	Matrix	# of bottles	Preservation: HCL	NaOH	HNO3	H2SO4	None	BOD TSS	Cd, Cu, Pb, Hg, Ni, Zn,		VOA TVO	PHC 1664	pH
-1 Basement Sump	9-2-08	11:30	GB	WW	3			X		X	X	X				
24 hr Composite																
time: 11:30 to 11:30																
date: 9-2-08 - 9-3-08																
-2 Basement Sump	9-2-08	11:35	GB	WW	5	X								X	X	X
Grab																

Turnaround Information

- [X] 21 Day Standard — Approved By:
- [ ] 14 Days RUSH
- [ ] 7 Days EMERGENCY
- [ ] Other
- 21 Day Turnaround Hardcopy, Emergency or RUSH is FAX Data unless previously approved.

Data Deliverable Information

- [X] NJ Reduced
- [ ] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [X] Commercial "A"
- [ ] Commercial "B"
- [ ] State Forms

Comments / Remarks

Samples were collected in accordance with established Accutest field sampling SOPs for water and/or solids sampling

468, WC25, ME36, HCl

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	9-2-8 17:00	1	2		2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by Sampler:	Date Time:	Received By:	Seal #	Preserved where applicable	On Ice	Temperature
5		5	502 Intact			5.0

J99424: Chain of Custody
Page 1 of 1